

ABSTRACT

Compositions comprising therapeutically effective amounts of lamellar bodies for the modification of linear macromolecules are disclosed. These lamellar compositions are useful in the treatment of conditions or diseases characterized by a preponderance of heavy mucous secretions, such as otitis media, cystic fibrosis, bronchitis, sinusitis and nasal congestion. Methods of treating these diseases and conditions by administering a therapeutically effective amount of a composition to a patient requiring such treatment are also disclosed.